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NAVAL SUPPORT ACTIVITY NAPLES ITALY (GAETA) FLEET

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MOORING UNDERWATER INSP. (U) NAVAL FACILITIES

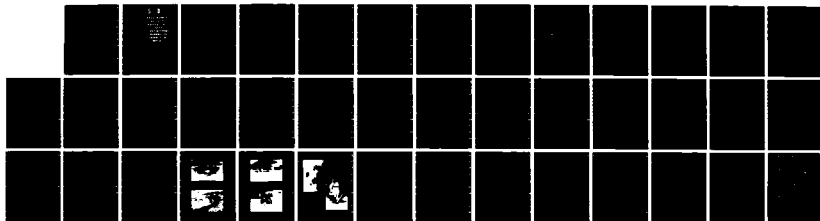
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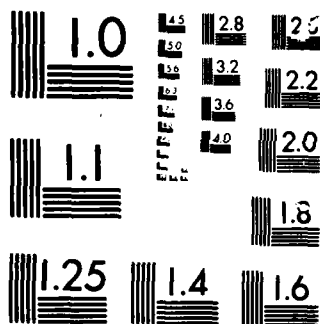
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**NAVAL SUPPORT  
ACTIVITY  
NAPLES, ITALY  
(GAETA)  
FLEET MOORING  
UNDERWATER  
INSPECTION  
REPORT**

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This report contains the results of the inspection of the fleet moorings  
located near Gaeta, Italy. A CHESNAVFACENGCOM-assigned Engineer-in-Charge and  
divers from Underwater Construction Team One conducted the inspection during  
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22a. NAME OF RESPONSIBLE INDIVIDUAL  
Jacqueline B. Riley  
DD FORM 1473, 84MAR

22b. TELEPHONE 22c. OFFICE SYMBOL  
202-433-3881

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This mooring consists of bow and stern buoy systems. In the bow mooring buoy system, the buoy is in poor condition and should be overhauled or replaced. The stern buoy system is in good condition. Specific comments concerning the current condition of the mooring is contained herein.

# Abstract

This report contains the results of the inspection of the fleet mooring located near Gaeta, Italy. A CHESNAVFACENGCOM-assigned Engineer-in-Charge and divers from Underwater Construction Team One conducted the inspection during the period 15-24 September 1983.

> This mooring consists of bow and stern buoy systems. In the bow mooring buoy system, the buoy is in poor condition and should be overhauled or replaced. The stern buoy system is in good condition. Specific comments concerning the current condition of the mooring is contained herein.

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NAVAL SUPPPORT ACTIVITY NAPLES  
(GAETA) FLEET MOORING UNDERWATER  
INSPECTION REPORT

1.0 INTRODUCTION

1.1 Background. Under the COMNAVFACENGCOM Fleet Mooring Maintenance (FMM) Program, CHESNAVFACENGCOM has been assigned the responsibility to plan and conduct periodic diver inspections of all fleet moorings worldwide. In carrying out this responsibility, CHESNAVFACENGCOM designated an Engineer-In-Charge (EIC) to provide inspection planning and onsite technical direction for the underwater inspection of the fleet mooring located at Gaeta, Italy. The actual underwater portion of the inspection was performed by divers of Underwater Construction Team One. The inspection was conducted between 15-24 September 1983.

1.2 General Mooring History.

For many years, the fleet mooring located at Gaeta, Italy, has been used to moor the flagship of the Commander, Sixth Fleet. Currently, this is USS PUGET SOUND (AD 38). This mooring consists of bow and stern buoy dolphins which are used by the ship to maintain its position when breasted alongside two finger piers attached to the main pier. The geographic locations of Gaeta, its main pier, and the fleet mooring are shown in Figures 1 through 3.

During 1978, the bow buoy system was dragged during heavy weather resulting in significant ship-caused damage to the pier and its fendering system. A replacement buoy dolphin system, using two propellant embedment anchors (PEAs), was installed during November 1978. Suspended beneath the buoy is a chain equalizer through which 80 feet of chain passes. Attached to each end of this chain is 100 feet of 1 3/4-inch wire rope anchor pendant, which leads to a 100K mud-fluke-type PEA. The chain equalizer, which is cathodically protected by attached zinc anodes, is capable of handling 2 1/4-inch chain. However, the chain currently used is 1 3/4-inch chain that was salvaged from the previous bow mooring installation. The two PEAs are buried about 40 feet below the mud line. Figure 4 is a schematic drawing of the bow buoy dolphin system while Figure 5 is a drawing of the designed configuration of the stern buoy dolphin system.

2.0 INSPECTION PROCEDURES

2.1 Inspection Objectives. The purpose of the mooring inspection was to determine the general physical condition of the buoys and chain assemblies and, when possible, to verify or update existing as-built and maintenance records. Divers inspected only a portion of the submerged buoy hull and chain assemblies in order to compile a general description of the mooring's condition. The existence of fairly consistent measurements during this inspection provides a good indication of the mooring's overall condition. It should be kept in mind that periodic underwater inspections are intended as an expedient and relatively inexpensive supplement to accurate maintenance records. As such, they

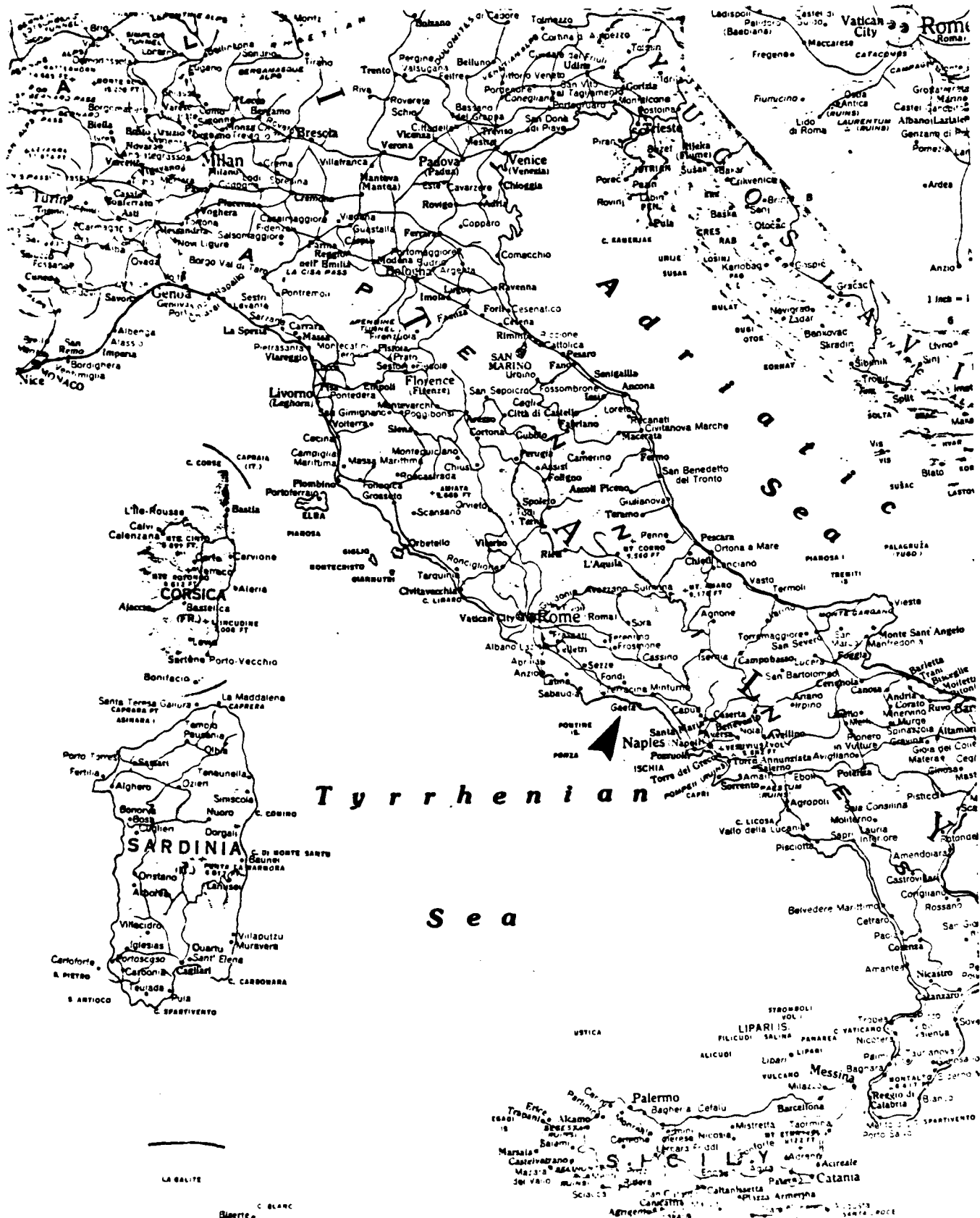


Figure 1. Geographic Location of Gaeta



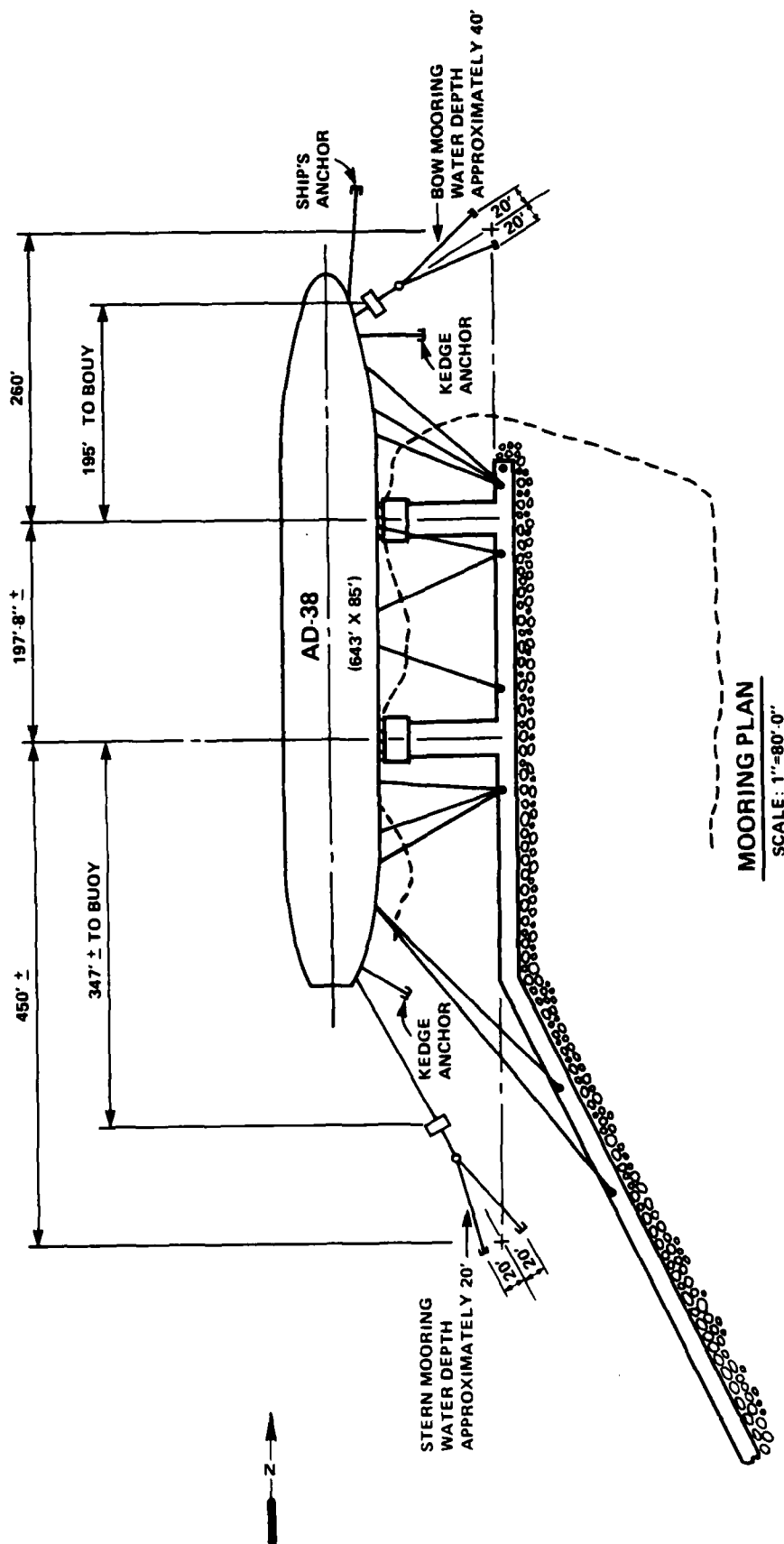


Figure 3. Gaeta Two Point Dolphin Mooring System

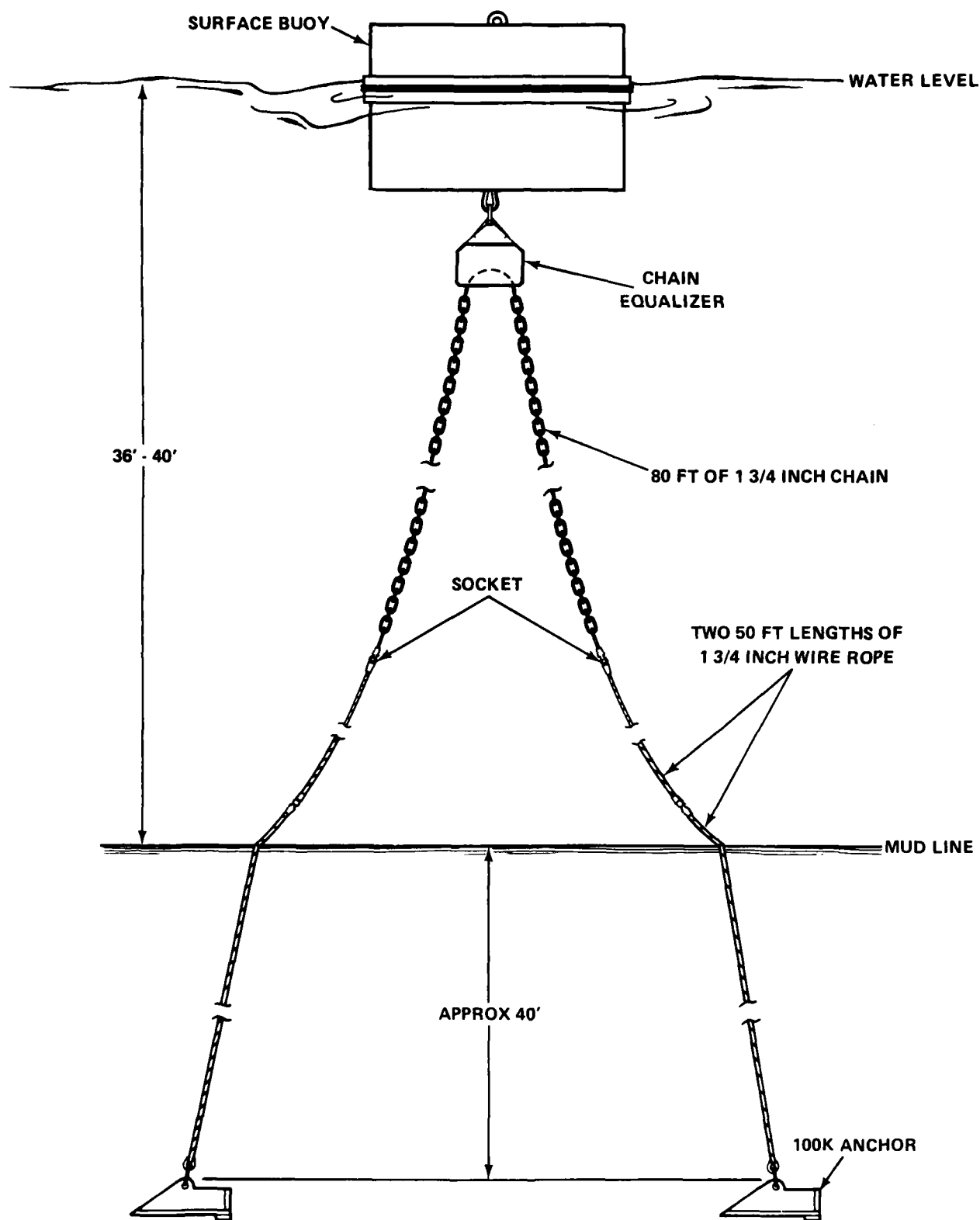
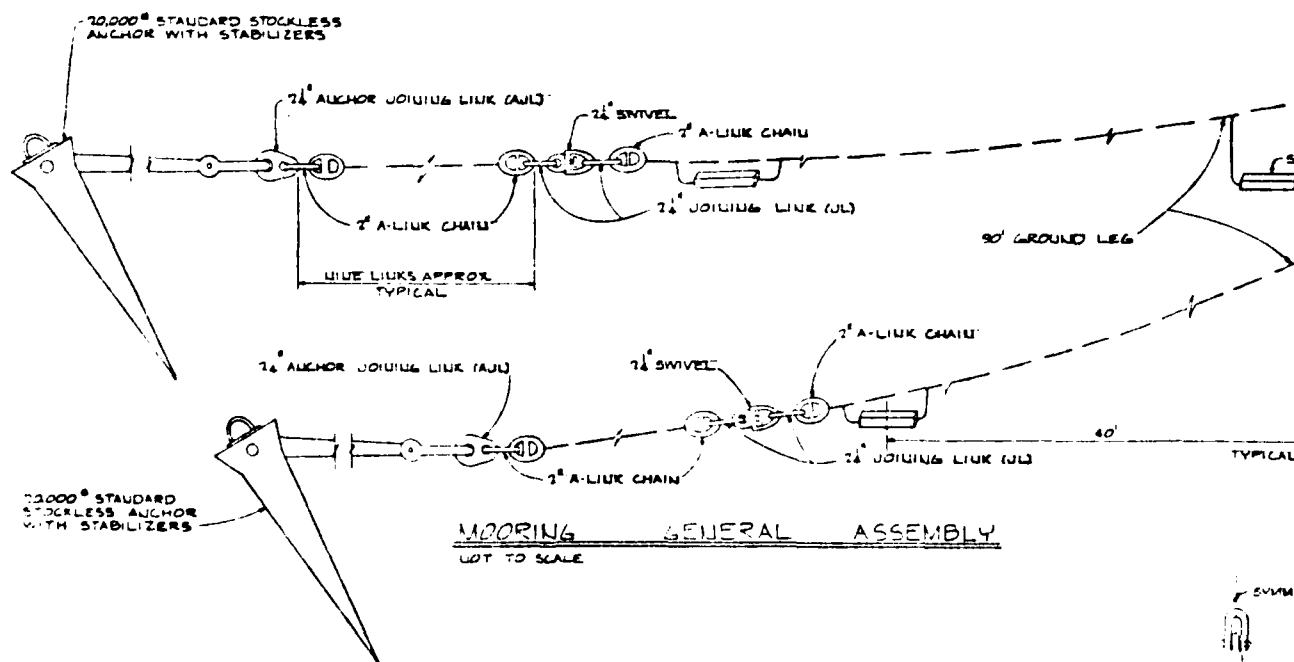


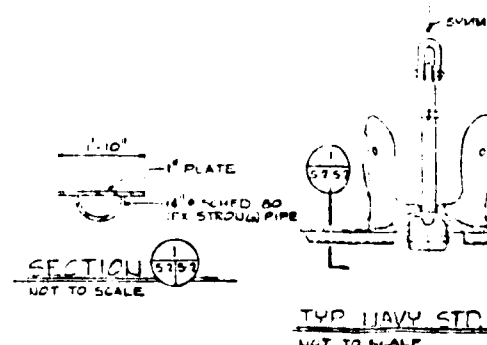
FIGURE 4. GAETA BOW MOORING

BILL OF MATERIALS				
DESCRIPTION	QTY	FED STOCK NO	LOCATION OF AVAILABILITY	PROCUREMENT TYPE
20,000 LB STANDARD STOCKLESS ANCHOR WITH STABILIZERS INSTALLED	2	4010-00-777-7247	CBC, GULFPORT, MS	GOVERNMENT SURPLUS
3'-0" x 5' BAR RISER CHAIN BUOY	1	7030-00-773-9665	CBC, GULFPORT, MS	GOVERNMENT SURPLUS
2 1/2" ANCHOR JOINING LINK (AJL)	8	4010-00-391-0534	CBC, GULFPORT, MS	GOVERNMENT SURPLUS
2 1/2" A-LINK CHAIN	230	4010-00-767-7597	CBC, GULFPORT, MS	GOVERNMENT SURPLUS
2 1/2" JOINTING LINK (JL)	8	4010-00-391-0542	CBC, GULFPORT, MS	GOVERNMENT SURPLUS
15 TON CONCRETE SINKER	1		GAETA BAY, ITALY	ON HAND AT SITE †
2 1/2" TYPE F BENDING SHACKLE W/LUGS	1	4030-00-736-8390	CBC, GULFPORT, MS	GOVERNMENT SURPLUS
2 1/2" END LINK	1	4010-00-795-6678	CBC, GULFPORT, MS	GOVERNMENT SURPLUS
2 1/2" GROUND RING	1	7040-00-734-4867	CBC, GULFPORT, MS	GOVERNMENT SURPLUS
2 1/2" SWIVEL	3	4030-00-517-8864	CBC, GULFPORT, MS	GOVERNMENT SURPLUS
SPECIAL DIAMONDE - 500 LB	4		NAPLES, ITALY	GOVERNMENT SURPLUS
STAINLESS STEEL HOSE CLAMPS	18		NORFOLK, VA	COMMERCIAL
2 1/2" GALV. STEEL WIRE ROPE	230'		NORFOLK, VA	COMMERCIAL

- † 2 EXTRA TO INSURE ADEQUATE CONNECTIONS  
 † TO BE SALVAGED FROM EXISTING STERN MOORING



This Figure was the only stern mooring design  
 information available to CHESNAVFACENGCOM  
 at the time this plan was prepared.



TYP. HEAVY STD.  
 NOT TO SCALE.



cannot fully substitute for a complete inspection involving recovery of the mooring and the measurement and evaluation of each component. ←

Chain wire diameter measurements are used to evaluate the condition of a mooring. After cleaning to bare metal, a selective sampling of the wire diameter of chain links and connecting hardware was taken in order to determine the amount of deterioration due to corrosion and wear. "Single link" measurements were taken where chain was slack, to detect corrosion loss. "Double link" measurements were taken where two links connect under tension to detect the combined effects of corrosion and wear. Chain links and other components which measured 90 percent or greater of original wire diameter are considered to be in "good" condition; measurement between 80 percent and 90 percent of original diameter is considered "fair" condition and is cause for the mooring to be downgraded in classification; any measurement less than 80 percent is considered "poor" and is cause for the mooring to be declared unsatisfactory for fleet use.

PEA pendants were checked for kinks, broken strands, unravelling ("birdcaging"), excessive wear, or other damage. Where visible, the anchor pendant fittings were inspected for overall condition and measured to determine the effects of wear and corrosion.

Standard underwater inspection procedures do not call for the inspection of any part of the mooring which is buried. Ground legs and risers are observed only to the point at which they become buried; no attempt is made to locate and inspect anchors or other mooring materials which are not readily visible.

The following paragraphs contain the general inspection procedures that were followed:

## 2.2 Bow and Stern Buoys.

2.2.1 Buoy Upper Portion. Each of the two buoys was examined to determine its general condition. Its diameter and height were recorded. The paint was checked for cracking, chipping, and peeling.

The buoy fenders and chafing rails were checked for integrity and secure connection to the buoy.

Buoy top jewelry was identified and measured with calipers to find the overall dimensions and areas of most severe reduction in wire size.

2.2.2 Buoy Lower Portion. Divers thoroughly inspected each buoy below the waterline. The thickness of marine growth was recorded, several areas were selected and cleared of growth, and the condition of the paint was noted.

## 2.3 Bow Anchor Legs.

2.3.1 Chain Equalizer. Divers checked the equalizer for overall condition and looked for evidence of wear. The cathodic protection system which was attached to the equalizer during the mooring's installation in 1980 was also inspected and its condition noted.

2.3.2 Chain. On both sides of the chain passing through the equalizer, double link measurements were taken just below the equalizer, at the end of the chain, and about halfway in between.

2.3.3 Chain Anchor Pendant Connections. The divers identified the swage fittings and other chain accessories used to attach the chain to the wire rope anchor pendants. Measurements of this material were taken.

2.3.4 Anchor Pendants. The divers swam down the two wire rope pendants from the upper swage fittings to the points at which these ropes entered the bottom, checking for kinks, unravelling, broken strands, and other damage to the wire.

## 2.4 Stern Riser and Ground Legs.

2.4.1 Riser. Double link measurements using pre-cut go/no-go gauges were made at both ends and near the center of the riser. The swivel and detachable links contained within the riser assembly were visually inspected and measured.

2.4.2 Ground Ring. The ground ring was examined for general and localized wear. Caliper measurements were made of the wire size in the region of most severe wear. The anchor joining links connecting the riser, two ground legs, and concrete clump to the ground ring were inspected and their wire diameters measured.

2.4.3 Concrete Sinker. The 15-ton sinker's hairpin was inspected for wear and caliper measurements of its wire diameter taken. The general condition of the visible portion of the sinker was noted.

2.4.4 Chain Legs. Double link measurements of the upper portion of each leg were taken. Only a few feet of each of the two ground legs were visible.

2.4.5 Anchors. The anchors were not visible for inspection.

## 3.0 INSPECTION SUMMARY

An in-depth discussion of the inspection results is presented in Annex A, and the repair work accomplished by the inspection team is described in Annex B. Annex C contains photographs, and Annex D is a copy of the preliminary report of the results of the inspection as well as other reference material.

The data gathered during the inspection is summarized below.

### 3.1 Bow Mooring

- o The buoy is unpainted, is badly rusted and pitted, and has no chafing rail. Overall, the buoy is in poor condition.
- o The equalizer chain was measured to be greater than 90 percent of its original 1 3/4-inch diameter.
- o The four zinc anodes that were attached to the equalizer 5 years ago were found to be fully expended. The zincs were replaced as described in Annex B.

- o The equalizer and the upper portion of the equalizer chain are covered with a heavy coating of marine growth.
- o About 5 feet of the 1 3/4-inch anchor pendant (just below the swage fitting that attaches the pendant to the equalizer chain) was found to be damaged and corroded down to 1 1/4 inches. The damaged section of the wire rope anchor pendant was replaced (see Annex B) by UCT One personnel.
- o The anchors were not visible for inspection.
- o The bow mooring is reportedly too close to USS PUGET SOUND.

### 3.2 Stern Mooring.

- o The stern buoy is in good condition.
- o The riser, ground ring, and upper portion of the two ground legs were all measured to be greater than 90 percent of their original 2-inch diameter.
- o No cathodic protection materials were observed.

## 4.0 CONCLUSIONS AND RECOMMENDATIONS

### 4.1 Bow Mooring.

- o The buoy should be removed from the water and overhauled at the earliest practical time. In general, however, the mooring is in satisfactory condition for continued use.
- o The position of the bow buoy system should be reviewed as part of the transition planning for the new Flagship. Preliminary indications are that the buoy will be better positioned for USS CORONADO than for USS PUGET SOUND, but the issue deserves further attention.

### 4.2 Stern Mooring.

- o Overall, the stern mooring is in good condition.

ANNEX A

MOORING INSPECTION RESULTS

A-1

## GAETA BOW MOORING

### INSPECTION RESULTS

#### Buoy.

This is an 11 1/2-foot diameter can-type buoy with a tension bar. The buoy stands 4 3/4-feet high and has a single wooden fender at the waterline. It is unpainted, is badly rusted and pitted, and has no chafing rail. The top and bottom shackle-type jewelry are in satisfactory condition. Overall, the buoy is in rather poor condition.

#### Equalizer.

The equalizer is in good condition, but as evidenced by heavy marine growth, the chain passing through it has probably not moved for several years. The four sacrificial zinc anodes that were attached to the equalizer when the mooring was installed in November, 1978, were found to be fully expended. The cause of this relatively rapid decay of the anodes is unknown.

#### Equalizer Chain.

The chain was originally 1 3/4-inch diameter and all measurements taken were greater than 90 percent of the original wire diameter. Between the surface and a water depth of 25 feet, the chain is covered with a heavy coating of marine growth. The chain is not centered in the equalizer, so that the southern leg is 28 feet long and the northern leg is 52 feet long (see Figure A-1).

#### Anchor Pendants.

Each of the anchor pendants attached to each end of the chain passing through the equalizer consists of two 50-foot sections of 1 3/4-inch steel wire rope. The bitter end of each anchor pendant is connected to a 100 KIP PEA. About 5 feet of the southern anchor pendant, just below the swage fitting which attaches the pendant to the equalizer chain, was found to be damaged and necked down to approximately 1 1/4 inches, or about 71 percent of original wire diameter. Of these two 100-foot lengths of wire rope less than half of each was visible for inspection.

#### Anchors.

The anchors were not visible for inspection.

#### Comment/Recommendation.

Although this mooring is in satisfactory condition for continued use, the buoy should be removed from the water and overhauled at the earliest practical time.

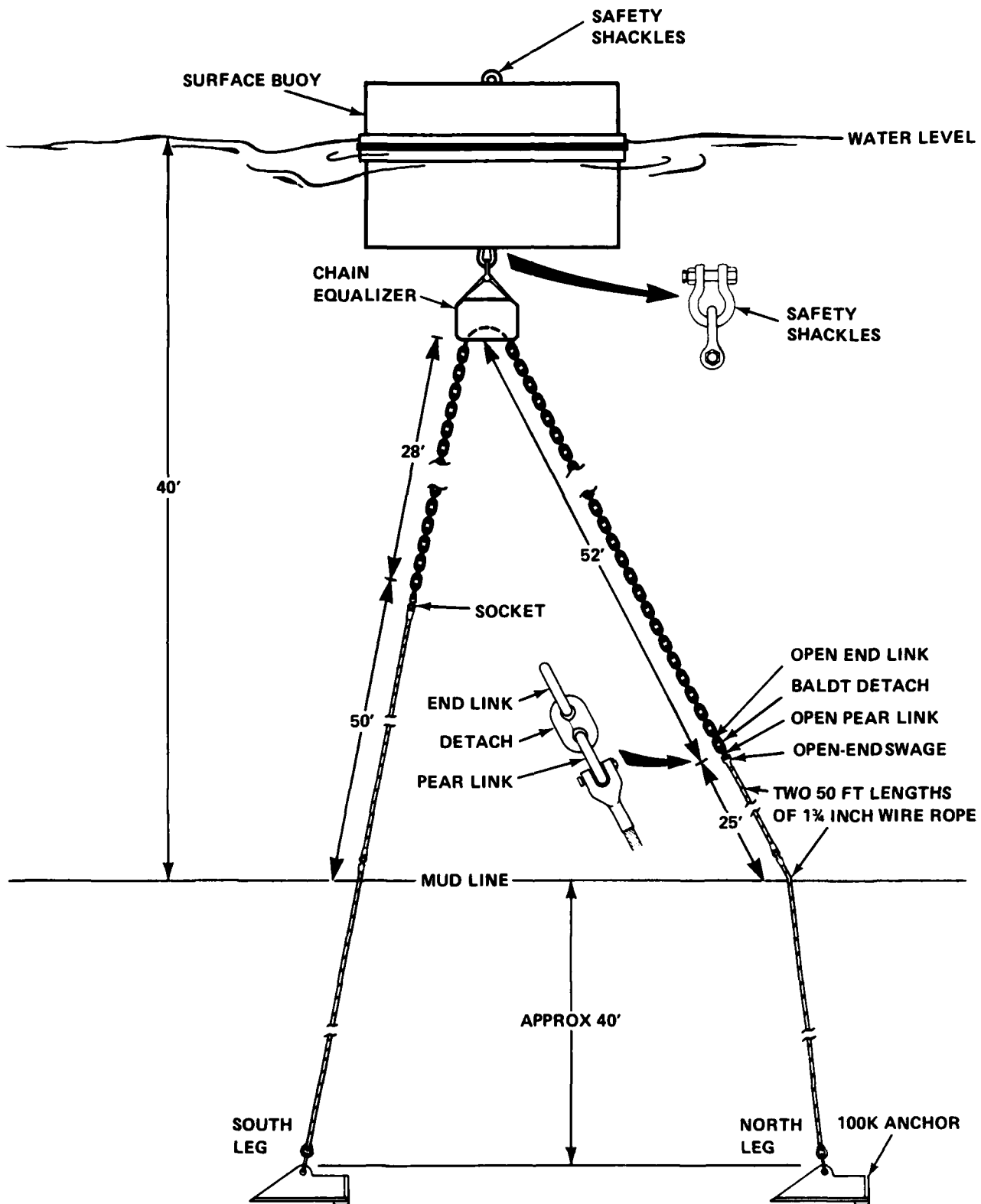


FIGURE A-1. GAETA BOW MOORING

A-3

MOORING NO. BOW CLASS BUOY LOCATION GAETA, ITALY LAT: N/A LONG: N/A (SEE SURVEY RESULTS FOR EXACT BUOY LOCATION)

WATER DEPTH: 40' ANCHOR SIZE/TYPE: LOOK PERS BUOY TYPE: CAN TYPE WITH TENSION BAR

BOTTOM TYPE: ☐ SAND ☒ MUD ☐ CLAY ☐ CORAL ☐ ROCK Visibility 3' D = depth NI = not inspected, inaccessible

COMPONENTS	NI	CONDITION							COMMENT
		NEW	SINGLE LINK %		DOUBLE LINK %			D	
			90+	80+	80-	90+	80+		
BUOY HARDWARE									1 1/2" DIAMETER CANTYPE BUOY. NO PAINT
BOW SAFETY SHACKLE (TOP)		2 3/8"							SEVERLY RUSTED AND PITTED. SINGLE
SAFETY SHACKLE (BTH)		3"							WOOD FENDED OK. NO CHAFFING RAIL.
SAFETY SHACKLE (BTH)		2 3/8"							EQUALIZER IN GOOD CONDITION BUT
EQUALIZER						N 5			3 YR OLD ZINCS WERE 100% DEPLETED.
NEAR BUOY		3/4"				W 1/2			1 3/4" CHAIN WITH HEAVY MUSSEL GROWTH
MIDDLE		1 1/4"				W 1/2			BETWEEN SURFACE AND 25' DEPTH.
NEAR GRD RG		↓				W 1/2		40	
GROUND RING									
UPPER END									1 3/4" WIRE ROPE WITH SWAGE FITTINGS
MIDDLE									ON ENDS. NORTH WIRE IN GOOD
ENTERS BOTTOM									CONDITION. ABOUT 5' OF THE
UPPER END									SOUTH WIRE ROPE DAMAGED AND
MIDDLE									NECKED DOWN TO 1 1/4". DAMAGE
ENTERS BOTTOM									JUST BELOW THE UPPER SWAGE
UPPER END									FITTING.
MIDDLE									
ENTERS BOTTOM									
UPPER END									
MIDDLE									
ENTERS BOTTOM									
UPPER END									
MIDDLE									
ENTERS BOTTOM									

DATE: 9/5/83 ENGINEER IN CHARGE: ADDER & SELTZER DIVERS: HIECHOLZER/HIEKIEWICZ

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## GAETA STERN MOORING

### INSPECTION RESULTS

#### Buoy.

This is a 9 1/2-foot diameter can-type buoy with two wooden fenders. It also has a tension-bar and a riser. The paint, fenders, chafing rail, and top hardware are all in good condition.

#### Riser.

The riser consists of 2-inch chain and all measurements taken were greater than 90 percent of the original wire diameter. The chain is covered with a heavy coating of marine growth (mussels). A swivel was located and found to be in good condition.

#### Ground Ring.

A ground ring was found on the bottom at a water depth of 20 feet and its wire diameter measured 2 1/4 inches. The upper portion of a partially buried concrete sinker was observed attached to the ground ring by back-to-back 2 3/4-inch anchor joining links.

#### Ground Legs.

About 10 to 20 feet of the two ground legs were visible on the bottom before they entered the mud. These legs were oriented about 30 degrees apart and all chain measurements taken were greater than 90 percent of the original 2-inch wire diameter. No zinc anodes or continuity wire were visible.

#### Anchors.

The anchors were not visible for inspection.

#### Comment/Recommendation.

This mooring system is in satisfactory condition for continued use as a fleet mooring.

MORNING NO. STERN CLASS BUDY DOLPHIN LOCATION GAETA ITALY AT: N/A LONG: N/A (SEE SURVEY RESULTS FOR EXACT BUDY LOCATION)  
 WATER DEPTH: 20' ANCHOR SIZE/TYPE: N/A BUDY TYPE: RISER TYPE W/TENSION BAR

BOTTOM TYPE: ☐ SAND ☒ MUD ☐ CLAY ☐ CORAL ☐ ROCK ☐ D = depth NI = not inspected, inaccessible  
 Visibility 2'

COMPONENTS		NI	CONDITION					COMMENT
			NEW	SINGLE LINK %			DOUBLE LINK %	
				90+	80+	80-	90+	80-
BUOY HARDWARE								
PEAR LINK			3 1/8"					
SAFETY SHACKLE			3 1/8"					
RISER	NEAR BUOY		2"				✓✓✓	5'
	MIDDLE		↓				✓✓✓	12'
	NEAR GRD RG		↓				✓✓✓	20'
GROUND RING			2 1/4"					20'
GROUND LEG NO A	UPPER END		2"				✓✓✓	2 1/4" GOOD CONDITION. CONCRETE
	MIDDLE		↓				✓✓✓	SINKER ATTACHED TO GR WITH TWO 2 3/4" AJLS.
	ENTERS BOTTOM		↓				✓✓✓	ABOUT 10'-20' OF TWO GROUND LEGS
GROUND LEG NO B	UPPER END		2"				✓✓✓	VISIBLE BEFORE ENTERING MUD.
	MIDDLE		↓				✓✓✓	LEGS ABOUT 30' APART
	ENTERS BOTTOM		↓				✓✓✓	NO ZINKS OR CONTINUITY WIRE VISIBLE
GROUND LEG NO C	UPPER END							
	MIDDLE							
	ENTERS BOTTOM							
GROUND LEG NO D	UPPER END							
	MIDDLE							
	ENTERS BOTTOM							

DATE 9/2/83 ENGINEER IN CHARGE: LDR G. SELTZER DIVERS: HIER HOLZER / MIERVIEW / ECZ / BOND / PEACOCK  
 CHESNAVFACEGCOM REPORT FPO-1-83(46), "NSA NAPLES FM UNDERWATER INSPECTION REPORT."

## BUOY SURVEY RESULTS

During the inspection, the positions of the two buoys were sighted from known benchmarks ashore. The accurate locations of these buoys are shown in Figure A-1.

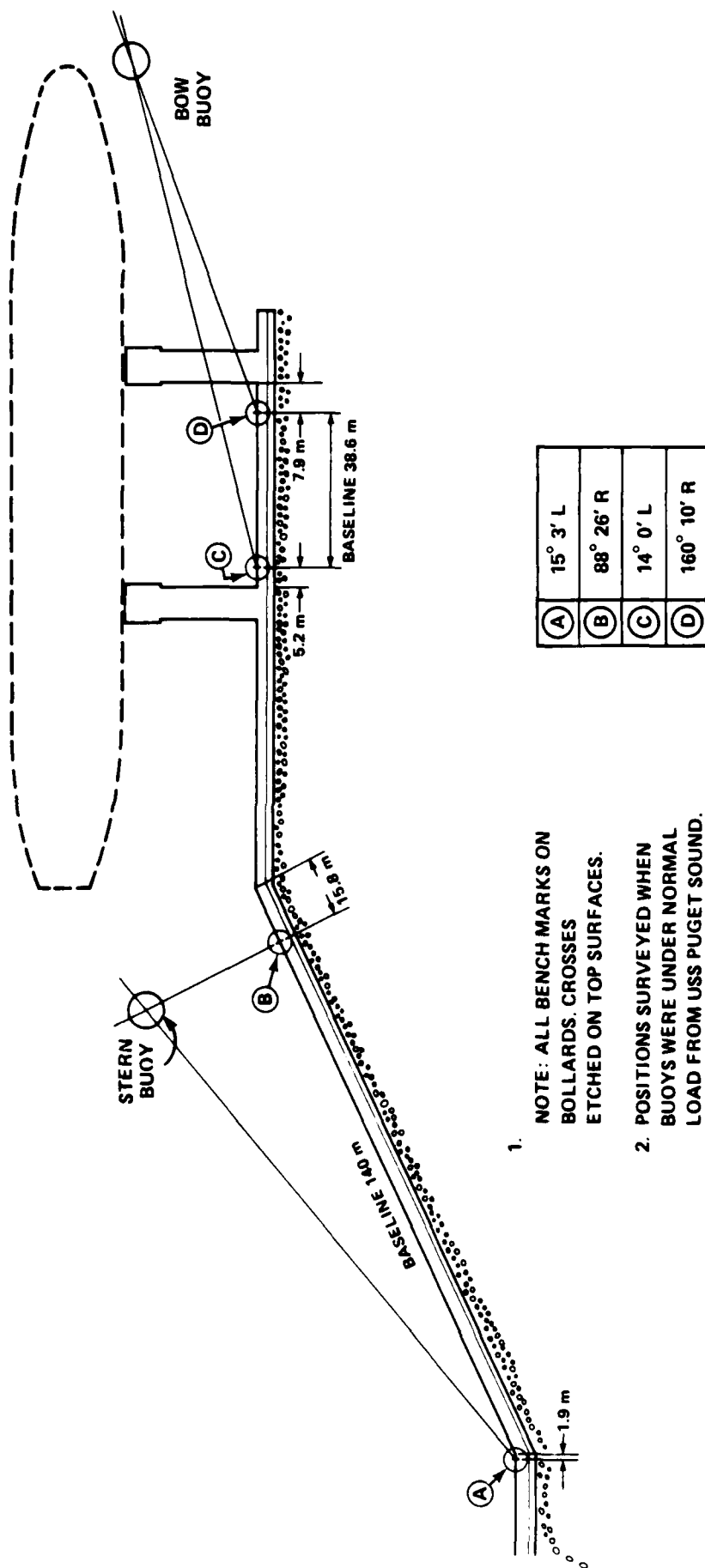


FIGURE A-1. SIGHTED POSITIONS OF GAETA BUOYS

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ANNEX B

REPAIRS ACCOMPLISHED DURING THE INSPECTION

## REPAIR OF BOW MOORING

### Installation of New Cathodic Protection System.

Three 46-pound and four 25-pound sacrificial zinc anodes were available for installation. Two of the 46-pound zincs were attached with nuts and bolts to the outside of one equalizer plate while two of the 25-pound anodes were doubled up and attached to the outside of the second equalizer plate along with the third 46-pound anode.

One-half-inch continuity wire was then woven through the chain. The wire was attached with tie wraps in various locations where the chain had been cleaned to bare metal.

A 25-pound anode was mounted on each of the northern and southern anchor pendants, below the swage fitting which connects the anchor pendant to the equalizer chain. The 1/2-inch continuity wire was continued down from the chain and attached to each zinc anode. A schematic drawing of the cathodic protection system is depicted in Figure B-1.

Underwater voltmeter readings were taken at specific locations in the mooring and at various times during the installation, both with and without USS PUGET SOUND's impressed current system in operation. Table B-1 contains a copy of these readings.

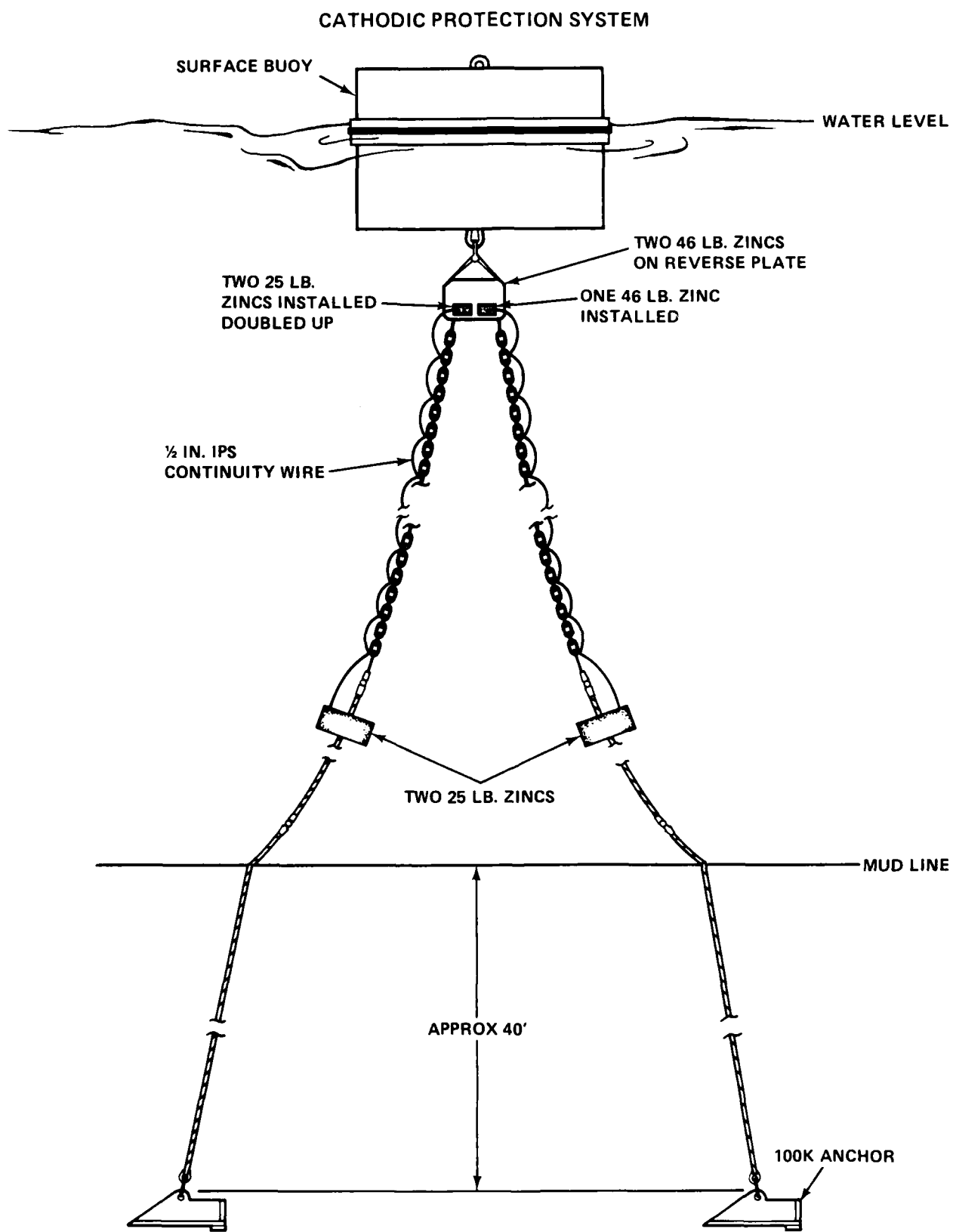


FIGURE B-1. GAETA BOW MOORING

SEP 1983

TABLE B-1. BOW MOORING VOLTMETER READINGS

	Initial readings with no zincs and impressed current off	Readings 24 hours after top zincs installed and impressed cur- rent off	Readings 24 hours after all zincs/ continuity wire installed and impressed current off	Readings with top zincs on, one bottom zinc on, and impressed cur- rent on
	(mV)	(mV)	(mV)	(mV)
Buoy	.62	.71	.85	.86
Equalizer	.62	.91	.86	.91
Zinc on Equalizer	X	.97	.97	.97
Chain:				
Top	.62	.81	.86	.86
Middle	.62	.75	.77	.80
Bottom	.62	.74	.77	.76
Wire:				
Top	.62	.65	.75	
Mudline	.62	.65	.75	

Replacement of a Section of Anchor Pendant.

UCT One divers replaced the upper 50-foot section of the southern leg's anchor pendant. After removal of the damaged section, it was packed for shipment to the Naval Civil Engineering Laboratory (Attn: Mr. James Miller L42) for failure analysis. Shipment of the new anchor pendant from the United States to Gaeta took one week.

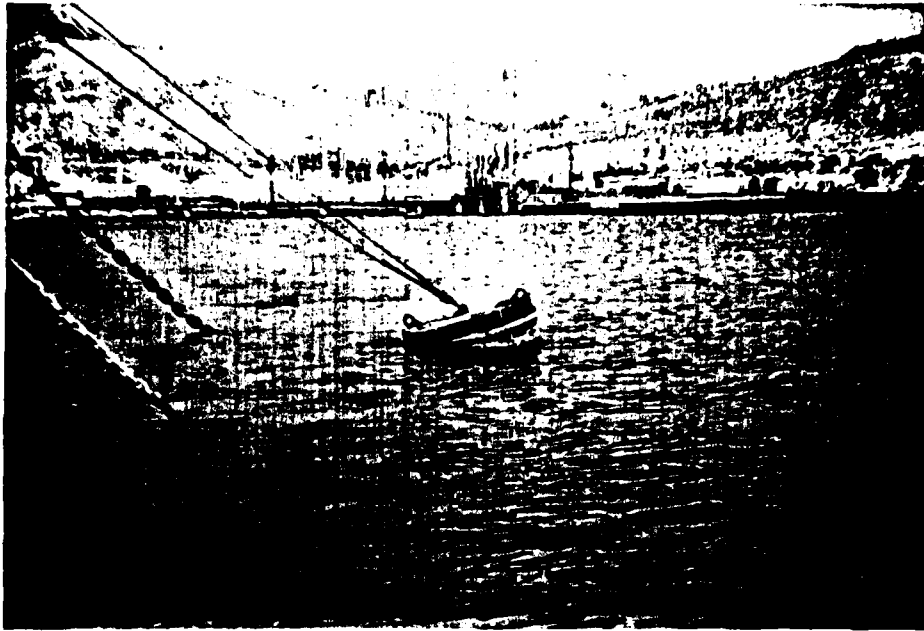
To accomplish the replacement, the following procedures were followed:

- o A stopper was tied just below the swage fitting on the lower 50-foot wire section. A come-along was shackled into the lower end of chain. The hawser tension on the buoy from the ship was eased. Tension was pulled by the come-along to reduce tension in the upper 50-foot section.
- o The top swage pin dropped out easily, but the bottom pin was out-of-round and required several hours of bottom-time and use of a wheel puller to remove it.

- o A new section of anchor-pendant wire was supported by three lift bags. The top end of the wire (open swage) was fair led with line through the bitter end of the chain. The top end lift bag was cut off and the wire pulled into place by the topside crew. The pin and cotter key were inserted.
- o The bottom end (closed swage) was fair led with line through the open swage of the bottom 50-foot length. The remaining lift bags were deflated and the wire pulled into place by the topside crew. The pin was inserted and secured by a 1/2-inch mild-steel nut and bolt.

ANNEX C

PHOTOGRAPHS



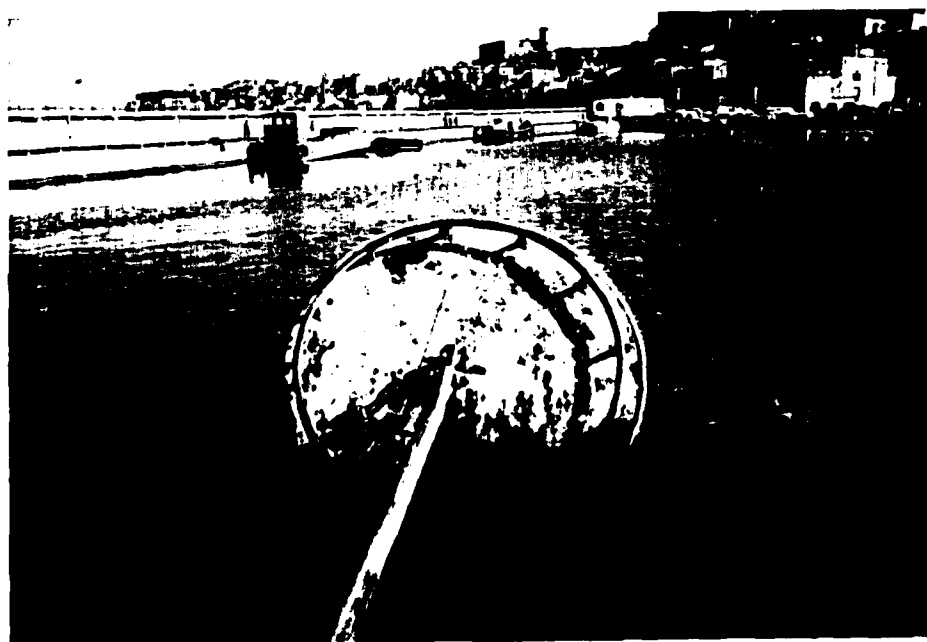
BOW MOORING. NOTE THE STEEP HAWSER ANGLE



BOW MOORING. NOTE THE RUSTING AND PITTING OF THE BUOY



STERN MOORING UNDER LOAD



STERN MOORING UNDER LOAD



**SWIVEL IN RISER CHAIN OF THE STERN  
MOORING – GOOD CONDITION**



**BOW MOORING. NEW SOUTHERN LEG 1 3/4"  
WIRE ROPE ANCHOR PENDANT WITH A 25-  
POUND ZINC ANODE ATTACHED.**

ANNEX D

REFERENCES

01 02

RR

UUUU

2911600

CHESNAVFACENGCOM WASHINGTON DC  
TO NAVSUPPACT NAPLES IT  
INFO CINCUSNAVEUR LONDON UK  
COMFAIRMED NAPLES IT  
COMNAVFACENGCOM ALEXANDRIA VA  
CINCLANTFLT NORFOLK VA  
LANTNAVFACENGCOM NORFOLK VA  
LANTNAVFACENGCOMBRO NAPLES IT  
NAVSUPPACT NAPLES DET GAETA IT  
UCT ONE  
USS PUGET SOUND

UNCLAS //N11000//

SUBJ: FLEET MOORING INSPECTION, GAETA, ITALY

1. AS DISCUSSED IN A MEETING BETWEEN LCDR LARSON (NSA APW0) AND  
LCDR SELTZER (CHESNAVFACENGCOM) ON 23 SEP 83. A CHESNAVFACENGCOM/  
UCT ONE UNDERWATER INSPECTION OF THE BOW AND STERN MOORINGS AT GAETA  
WAS CONDUCTED DURING THE PERIOD 15-24 SEP 1983. THIS IS A PRE-  
LIMINARY REPORT OF THE INSPECTION RESULTS TO PROVIDE SIGNIFICANT  
FINDINGS.

A. BOW MOORING: ONE WIRE ROPE SECTION IN <sup>SOUTH</sup> NORTH LEG FOUND TO BE  
DISTR:

DRAFTER TYPE NAME TITLE OFFICE SYMBOL PHONE

G. H. SELTZER

FP0-1PM

SPECIAL INSTRUCTIONS

COPY TO: FP0-1PM...DAILY...00...

36608

19 OCT 83

09...0161

TYPED NAME TITLE OFFICE SYMBOL AND PHONE

E. B. SPENCER, ASST HD, OCEAN PRO

UNCLASSIFIED

SERIOUSLY DAMAGED/CORRODED-REPLACED WITH NEW SECTION TO RESTORE TO DESIGN CAPABILITY. ALL REMAINING WIRE AND CHAIN IN GOOD CONDITION. ZINCS 100 PERCENT DEPLETED-NEW ZINCS AND CONTINUITY WIRE INSTALLED. BUOY HEAVILY RUSTED. RECOMMEND REPLACE OR REFURBISH BUOY.

B. STERN MOORING: GOOD CONDITION.

C. BOW MOORING DESIGNED AND POSITIONED FOR USS ALBANY. INDICATIONS THAT BOW MOOR IS NOT OPTIMALLY POSITIONED FOR USS PUGET SOUND. RECOMMEND MOORING DESIGN REVIEW AS PART OF TRANSITION PLANNING FOR NEW FLAGSHIP.

2. ANTICIPATE DISTRIBUTION OF DETAILED INSPECTION REPORT IN DECEMBER 1983.

3. CHESNAVFACENGCOM POINT OF CONTACT IS LCDR G. H. SELTZER AT (202) 433-3881 OR A/V 288-6608.

DISTR:

ORIGINATOR (TYPE) NAME TITLE OFFICE SYMBOL PHONE

SPECIAL INSTRUCTIONS

TYPER NAME TITLE OFFICE SYMBOL PHONE

UNCLASSIFIED

DD FORM 1312 (10-66)

UU  
U - U N C L A S S I F I E D U  
UU

PRIORITY    ROUTINE

P R 261039Z JUL 83

**FM USS PUGET SOUND**

TO NAVSUPPACT NAPLES IT

INFO CHESNAVFACENGCOM WASHINGTON DC UCT ONE  
LANTNAVFACENGCOMBRO NAPLES IT

BT  
UNCLAS //N11000//

SUBJ: FLEET MOORING INSPECTION OF GAETA ITALY

A. NAVSUPPACT NAPLES IT 131222Z JUL 83

1. TIME PERIOD PROPOSED IN REF A FOR INSPECTION OF MOORING SYSTEM IS SATISFACTORY TO UPSKD.
2. PUGET SOUND HOLDS NO RECORDS OF MAINTENANCE, OVERHAULS OR ALTS TO SUBJ MOORING SYSTEM.

BT

DLVR:CHESNAVFACENGCOM WASHINGTON DC(9)...INFO

RTD:000-000/COPIES:0009

231549/0643/207 1 OF 1 41 0247 207/19:47Z 261039Z JUL 83  
CSN:R40Y0253 USS PUGET SOUND

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ROUTINE

R 131222Z JUL 83

FM NAVSUPPORT NAPLES IT

TO USS PUGET SOUND

INFO CHESNAVFACENGCOM WASHINGTON DC UCT ONE  
LANTNAVFACENGCOMBRD NAPLES IT

BT

UNCLAS //N11000//

SUBJ: FLEET MOORING INSPECTION OF GAETA, ITALY

1. AS PART OF THE COMNAVFACENGCOM FLEET MOORING MAINTENANCE (FMM) PROGRAM, CHESNAVFACENGCOM, WITH DIVER SUPPORT FROM UCT ONE, PLANS TO CONDUCT AN UNDERWATER INSPECTION 10-17 SEPT 83 OF MOORING AT GAETA. RECORDS INDICATE TWO-POINT DOLPHIN MOORING SYSTEM SIZED FOR CGN/AD CLASS.

2. ADVISE IF ANY RECORDS OF MAINTENANCE, OVERHAULS OR ALTS HELD BY PUGET SOUND.

3. REG ADVISE THISTA, CHESNAVFAC AND UCT ONE IF INSPECTION PERIOD SATISFACTORY TO OPS SKD.

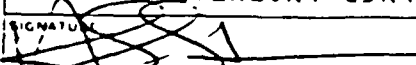
4. POC CHESNAVFAC MR J MCLAUGHLIN, AV 268-3681  
POC NAVSUPPORT NAPLES LT S CALISTI, EXT 4372/4373  
BT

DLVR:CHESNAVFACENGCOM WASHINGTON DC(9)...INFO

RID:000-000/COPIES:0009

15 225/4415/194 1 OF 1 41 0478 194/18:25Z 131222Z JUL 83  
CS:RAXY0531 NAVSUPPORT NAPLES IT

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JOINT MESSAGEFORM							SECURITY CLASSIFICATION		
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DATE TIME	MONTH	YR	ACT	INFO					
01 of 02				RR		UUUU			1461815
BOOK									
MESSAGE HANDLING INSTRUCTIONS									
<p>FROM: CHESNAVFACENGCOM WASHINGTON DC</p> <p>TO: NAVSUPPACT NAPLES IT</p> <p>INFO CINCUSNAVEUR LONDON UK</p> <p>COMFAIRMED NAPLES IT</p> <p>COMNAVFACENGCOM ALEXANDRIA VA</p> <p>CINCLANTFLT NORFOLK VA</p> <p>COMCBLANT NORFOLK VA</p> <p>LANTNAVFACENGCOM NORFOLK VA</p> <p>LANTNAVFACENGCOMBRO NAPLES IT</p> <p>NAVSUPPACT NAPLES DET GAETA IT</p> <p>UCT ONE</p> <p>UNCLAS //N11000//</p> <p>SUBJ: FLEET MOORING INSPECTION OF GAETA, ITALY</p> <p>1. AS PART OF THE COMNAVFACENGCOM FLEET MOORING MAINTENANCE (FMM) PROGRAM, CHESNAVFACENGCOM, WITH DIVER SUPPORT FROM UCT ONE, PLANS TO CONDUCT AN UNDERWATER INSPECTION OF THE ONE FLEET MOORING AT GAETA, ITALY.</p> <p>2. AVAILABLE DATA INDICATES A TWO-POINT DOLPHIN MOORING SYSTEM FOR CGN/AD CLASS SHIPS. OUR RECORDS INCLUDE LANTNAVFACENGCOM DRAWINGS</p>									
DISTR									
DRAFTER TYPED NAME TITLE OFFICE SYMBOL PHONE <i>James E. Mclaughlin</i> JAMES E. MCLAUGHLIN, FP0-1C7 433-3881 26 MAY 1983					SPECIAL INSTRUCTIONS COPY TO: 09..00..FP0-1C..FP0-1C7.. FP0-10P2..DAILY..0161. FP0-1PM				
TYPED NAME TITLE OFFICE SYMBOL AND PHONE H. S. STEVENSON, CDR, CEC, USN					SECURITY CLASSIFICATION				
SIGNATURE 					DATE TIME GROUP 261937Z MAY 83				

JOINT MESSAGEFORM										SECURITY CLASSIFICATION	
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	DATE-TIME	MONTH	YR	ACT	INFO						
02 of 02				RR		UUUU				1461845	
BOOK		MESSAGE HANDLING INSTRUCTIONS									
<p>NUMBERS - <del>S2:4053831</del> AND S2:4053832 OF 17 JANUARY 1980 AND A REPORT ON THE EMBEDMENT ANCHORS USED ON THE BOW MOORING, OF DECEMBER 1978.</p> <p>3. REQUEST ADDITIONAL OR UPDATED DATA ON MAINTENANCE HISTORY, RECORD OF OVERHAULS, SHIP UTILIZATION OR ANTICIPATED SHIP USAGE DURING INSPECTION PERIOD. NO CLASSIFIED MATERIAL REQUIRED. AREA AND FACILITY MAPS WITH SPECIFIC MOORING LOCATIONS ARE REQUESTED.</p> <p>4. INSPECTION SCHEDULE IS 10-17 SEPTEMBER 1983. POINT OF CONTACT AT CHESNAVFACECOM IS J. MCLAUGHLIN, AUTOVON 288-3881 OR {202} 433-3881.</p>											
DISTR											
DRAFTER TYPED NAME TITLE OFFICE SYMBOL PHONE						SPECIAL INSTRUCTIONS					
RELEASE	TYPED NAME TITLE OFFICE SYMBOL AND PHONE					SECURITY CLASSIFICATION					
	SIGNATURE										
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